

# PSYB64

## Introduction To Physiological Psychology

Tentative May 2012

- Professor: Dr. Janelle LeBoutillier
- Office: S557
- Office Hours: Wed 11 to 12 and 2:30 to 3:30
- Phone: 416-287-7430
- E-mail: [psyb64@utsc.utoronto.ca](mailto:psyb64@utsc.utoronto.ca)  
Please use the course email address for correspondence in this course.
- Textbooks: Discovering Biological Psychology  
2<sup>nd</sup> Edition by Laura A. Freberg  
Available in the bookstore.
- Lectures: Online through the Intranet

### Course Description:

This course explores the biological bases of our experience and behaviour: the ways in which bodily processes and states produce and control behaviour and cognition. Of equal importance, we will examine the ways in which behaviour, cognition and the environment exert their influence on bodily systems. This course is designed for psychology majors and specialists.

Most people are intrinsically curious about the genesis of behaviour---consider the proportion of everyday conversation that revolves around the motives and acts of the people and animals around us. On any given day, newspapers, magazines, TV and the web are full of intriguing and sometimes astonishing stories about how the brain functions. Many scientific disciplines contribute to these themes and this course will include research from psychologists, anatomists, biochemists, physiologists, etc.

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the AccessAbility Services Office as soon as possible. Tina Doyle, the UTSC AccessAbility Manager 416 287-7560 is available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations. The sooner you let us know about your needs, the quicker we can

assist you in achieving your learning goals in this course.

**Tentative Schedule:**

The following topics will be covered in the course. The weekly schedule is a guideline and some topics will take more or less than a lecture period to complete.

Week	Topic	Chapter
1 May 7	Course Introduction	1
2 May 14	Anatomy and Evolution of the NS	2
3 May 21	Quiz Requested Cells of the Nervous System	3
4 May 28	Cells of the Nervous System	3
5 June 4	Genetics and Development	5
6 June 11	Temperature Regulation Thirst and Hunger Assigned Reading: Obesity drug pipeline not so fat	9
7 June 18	Test Requested	
	Reading Week June 26-29	
8 July 3	Sexual Behavior Assigned reading: Ovulatory shifts in human female ornamentation	10
9 July 9	Sleep and Waking Assigned reading: Jet lag	11
10 July 16	Learning and Memory	12
11 July 23	Emotions Reward Aggression and Stress	14
12 July 30	Neurological Disorders and Review	15

All lectures and related ppts for course will be posted to the intranet at the start of the term. Content highlighted in yellow will be on the first test. The assigned readings can be downloaded as pdfs from the intranet.

**Grading Scheme**

There will be 1 quiz, 1 test and a final exam in this course.  
 Quiz 1 (Optional): Valued at 10% of your final grade

Test 1: Valued at 35% of your final grade  
Final Exam: Valued at 45% of your final grade

Please note there is a change to the grading scheme from what is indicated on the videos captured for viewing. The grading scheme for the summer session is detailed below.

Optional Quiz 1: Valued at 10% of your final grade.

This quiz has been requested for Week 3. It will cover only Chapter 2 and will consist of MC questions only. Details on the scheduling of this quiz will be posted to the intranet prior to the class. The purpose of the quiz is to encourage you to learn the neuroanatomy early in the term and have an opportunity to become familiar with the type of MC questions you will encounter in the course. You will find that a good understanding of brain structure and function will serve you well in your psychology courses. If you miss this quiz or choose not to write the quiz you will be assigned a mark of zero and Test 1 will count for 45% of your final mark.

**What happens if you take the Quiz and do not perform to your satisfaction?** As noted, the quiz is optional with the goal of encouraging you to keep up with the course material. If you perform better on Test 1 than on your Quiz, Test 1 will count for 45% of your grade in the course. For example, if you score 60% on the Quiz and 70% on Test 1 then Test 1 will be weighted at 45% of your mark in the course and the Quiz will not contribute to the final grade in the course. Alternatively, if you perform better on the Quiz than on Test 1 then the Quiz will count for 10% of your final grade and Test 1 will count for 35%. For example, if you score 80% on the Quiz and 70% on Test 1 then the quiz will count for 10% of your mark and Test 1 will count for 35% of your final grade in the course. In short, your best performance will contribute to your final grade in the score. I strongly encourage you to complete the quiz to provide you with early feedback on how you are performing in the course.

Test 1: Value 35% of your final grade covering topics listed above in weeks 1 through 6 and highlighted in yellow.

Exam: Value 55% of your final grade covering topics listed above in weeks 8 through 12 inclusive.

The requested dates for the quiz and test are indicated on the tentative schedule above but please note, the exact dates will be assigned by the registrar. The registrar will also schedule our final exam in the course. When this information becomes available it will be posted to the home page on the intranet. **Monitor the intranet regularly for all course announcements.**

The format of the tests will be mainly multiple choice with some short written and/or matching questions. The final exam is not cumulative UNLESS you miss Test 1. Testable material includes all lecture content, the assigned pdf readings, and chapters in the text. You are responsible for all text and lecture material unless noted otherwise during the lecture.

**Missed Tests:**

There will be no make-ups for missing the quiz or test. If you are ill for the test or have a personal emergency and cannot attend you must do the following:

1. send an email to [psyb64@utsc.utoronto.ca](mailto:psyb64@utsc.utoronto.ca) immediately indicating that you have missed the test.
2. follow-up within one week with documentation explaining your absence and requesting a cumulative final test in the course. Students who are absent for a medical reason should have the UTSC student medical certificate completed. Please use the official medical form available for download at [www.utsc.utoronto.ca/~registrar/](http://www.utsc.utoronto.ca/~registrar/). No other medical notes will be accepted. This form should be delivered to me during office hours or at the lecture.

Provided the instructions listed above are followed students will be eligible to write a cumulative final test in this course. The format of a cumulative test may differ from the non-cumulative test format described above.

**Extra Office Hours:**

Extra office hours will be held before and after each test. The dates and times will be posted in advance to the intranet. Remember to monitor the intranet for all course announcements.

**Practice Questions:**

You will find practice questions for some of the chapters on the intranet. Supplementary videos and ppts can also be found for some chapters.